

Appl. No. 10/587,592
Amdt. Dated September 16, 2009
Reply to Office Action of June 19, 2009

Attorney Docket No. 81844.0051
Customer No.: 26021

Amendments to the Specification:

Please amend the paragraph at page 16, lines 8-21, as follows:

A mixed gas of 1,500 sccm of ~~argon~~ hydrogen gas containing diborane that had been diluted to 5,000 ppm with ~~argon~~ hydrogen and 100 sccm of vaporized water was introduced into the deposition chamber, and subsequently, introduction of 50 sccm of vaporized diethylzinc was started. Furthermore, the pressure in the deposition chamber was set at 1 Torr by adjusting the valve. Under such conditions, the zinc oxide film was deposited so as to have a thickness of 1.5 μm . As in Comparative Example 2, the resistivity, haze ratio, and transmittance of the resulting zinc oxide film were respectively measured using a resistivity meter, a hazemeter, and a spectrophotometer. As a result, the resistivity was $9 \times 10^{-4} \Omega \text{ cm}$, the haze ratio was 20%, and the transmittance at a wavelength of 1,000 nm was 81%.